

**Table I. IMS Modification Table**

RBR_id	req_key	Req_Cate gory	segment	req_type	s_verif_ method	s_verif_stat	a_verif_ method	a_verif_stat	text	interpretation text	clarification
IMS-0070#B	4935	mission essential	SDPS	interface	demo	un-verified	demo	<u>un-verified</u>	The IMS shall provide the user with initial system access procedures, priority information, and authorized services as maintained in the SMC.		<u>Initial system access procedures will be located on the home page and/or in hard-copy format.</u>
IMS-0270#B	5058	mission essential	SDPS	functional	demo	un-verified	demo	<u>un-verified</u>	The IMS shall <u>provide access to ECS software available for re-use as well as pointers to externally provided software.</u> <del>maintain information on the science processing library holdings and provide the capability for users to search for and order science processing library</del>		

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IMS-0340#B	8559	mission essential	SDPS	functional	inspecti on	un-verified	inspecti on	un-verified	<del>software.</del> The metadata maintained by the IMS shall contain content-based summary information, including statistical summaries and granule features, for all ECS standard and special products.		<del>Metadata as provided by the science processing software. Special Products are subsetted, sub-sampled, and summary products.</del>
IMS-0500#B	8575	mission essential	SDPS	functional	demo	un-verified	demo	un-verified	The IMS shall provide access to information to include at a minimum: a. Metadata b. Spacecraft housekeeping and ancillary data information c. Engineering data d. EOC historical data e. Data acquisition plans and		The term plan and schedule are the same. Candidate plans are provided through document server.

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									schedules f. Processing schedules g. Documentation h. ESDIS Project Policies and Procedures obtained from SMC data base i. <u>ECS supported  software  Science  Processing  Library software</u> j. <u>Externally  provided  (unsupported,  non-ECS)  software  Documentation  on data format  and metadata  standards</u> k. <u>Documentation  on data format  and metadata  standards</u>		
IMS-0630#B	5184	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>	The IMS shall provide the capability to select	<u>The meaning of relational is greater than, less</u>	

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									metadata for retrieval by: a. Boolean operators b. Relational operators c. Attribute values d. Search strings e. Combinations thereof	<u>than, and equal to.</u>	
IMS-0660#B	5190	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>	The IMS shall provide inventory metadata search based on any combination of the core (Table C-10, Appendix C) and where applicable dataset-specific (Table C-11, Appendix C) inventory metadata attributes and geophysical parameters at a minimum.		
IMS-0920#B	5252	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>	The IMS shall provide the capability for		

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									users to construct and submit standing orders and one-time requests for processing of ECS data by pre-existing processes, which shall contain the following information at a minimum: a. Requester identification b. Algorithm input requirements c. Text description of need for processing d. Level 0-4 data set/subset e. Required time of generation f. Requested priority for product processing g. Resulting		

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									product type h. Processing parameters		
IMS- 1210#B	5319	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>	The IMS shall forward the processing product orders associated with a DAR to the appropriate PGS.		<u>Processing Product Orders are product orders that require processing by PGS (DPS).</u>
IMS- 1240#B	8885	mission essential	SDPS	security	analysi s	un-verified	analysi s	un-verified	The IMS shall be expandable to accept from the IP Information Management System or an equivalent IP facility the current data acquisition schedules and plans for U.S. instruments on foreign spacecraft, and shall make the schedules and plans accessible to authorized users on request, in accordance with applicable MOUs.	B: ASTER GDS interfaces to EDC DAAC only. For Release B, only ASTER DARs information is processed.	<u>The term 'expandable' is interpreted here to mean 'capable.'</u>

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IMS-1250#B	8887	mission critical	SDPS	interface	analysi s	un-verified	analysi s	un-verified	The IMS shall be expandable to forward DARs for U.S. instruments on IP spacecraft to the IP Information Management System or an equivalent IP facility, in accordance with applicable MOUs.	For Release B, only ASTER DARs information is processed.	<u>The term 'expandable' is interpreted here to mean 'capable.'</u>
IMS-1260#B	8889	mission essential	SDPS	interface	test	un-verified	test	un-verified	The IMS shall be expandable to provide the capability to receive, from the IP Information Management System or an equivalent IP facility, data acquisition request status in accordance with applicable MOUs and provide the status to the data acquisition	B: ASTER GDS interfaces to EDC DAAC only. For Release B, only ASTER DARs information is processed.	<u>The term 'expandable' is interpreted here to mean 'capable.'</u>

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IMS-1790#B	5393	mission critical	SDPS	performance	test	un-verified	test	<u>un-verified</u>	requester. The IMS shall provide, based upon the data model defined in Appendix C, sufficient storage for, at a minimum: a. Directory metadata b. Guide (documentation/reference material) metadata c. Inventory metadata d. System space, LSM data, and data base system overhead e. Metadata staging area f. Spacecraft housekeeping and ancillary data metadata g. <u>Metadata describing ECS supported and</u>		



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									externally provided (unsupported, non-ECS) software. Science processing library software metadata h. Summary data statistics i. User workspace		